MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

JULY 1954

GIORGIO CONTINO, ACTING DIRECTOR

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WEATHER BUREAU

JULY 1954

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	53.8	53.4	53.0	53.4	32.5	24.2	28.3	32.2	26.9	29.1
2	53.1	52.9	53.0	53.0	31.9	24.4	28.7	31.7	27.2	29.2
3	53.5	54.3	54.6	54.1	32.8	24.7	28.8	32.2	27.2	29.4
4	55.7	56.2	56.2	56.0	31.9	23.6	29.2	31.7	26.8	29.2
5	56.5	56.4	56.1	56.3	31.7	22.8	28.6	31.3	25.7	28.5
6	54.9	53.8	53.6	54.1	31.6	22.8	28.2	31.1	26.1	28.5
7	53.8	53.4	53.3	53.5	32.2	24.1	28.4	31.9	26.1	28.8
8	53.2	53.3	53.6	53.4	32.2	24.2	28.3	32.0	26.5	28.9
9	54.1	54.8	55.2	54.7	32.2	23.8	28.9	32.1	26.7	29.2
10	56.4	56.8	56.7	56.6	32.7	24.1	27.9	32.2	26.7	28.9
11	56.8	56.0	55.8	56.2	33.3	24.2	28.4	33.0	26.9	29.4
12	55.4	54.4	53.7	54.5	32.0	24.1	28.7	31.7	26.6	29.0
13	53.7	53.1	52.9	53.2	31.7	25.4	29.1	31.1	27.2	29.1
14	53.6	53.5	53.9	53.7	32.5	24.7	30.0	31.9	26.8	29.6
15	54.5	55.2	55.1	54.9	32.5	24.3	29.4	32.4	27.2	29.7
16	54.6	54.3	54.3	54.4	32.7	23.8	29.1	32.1	26.3	29.2
17	54.4	53.6	53.8	53.9	32.0	24.0	28.6	31.9	26.6	29.0
18	54.1	54.3	54.6	54.3	32.2	24.6	28.3	32.1	25.6	28.7
19	55.9	55.8	55.8	55.8	32.9	25.4	28.7	32.7	27.2	29.5
20	55.7	55.3	54.7	55.2	32.6	23.9	28.6	32.2	27.0	29.3
21	53.3	52.7	52.3	52.8	32.4	25.5	29.3	32.2	26.7	29.4
22	52.1	51.8	52.3	52.1	33.4	25.1	28.9	32.9	27.1	29.6
23	53.3	53.3	53.7	53.4	32.6	25.7	30.0	32.2	27.7	30.0
24	55.2	54.8	54.7	54.9	34.4	24.6	30.7	33.4	27.2	30.4
25	54.9	53.8	53.2	54.0	33.6	25.1	29.7	32.8	27.6	30.0
26	52.6	51.4	51.2	51.7	33.5	24.7	29.1	31.3	27.0	29.1
27	51.0	50.7	51.0	50.9	32.9	24.8	29.4	32.7	27.4	29.8
28	50.8	50.9	51.0	50.9	33.6	24.9	29.6	33.3	27.7	30.2
29	50.5	50.7	50.5	50.6	33.5	24.8	29.7	33.0	27.8	30.2
30	51.6	52.0	52.4	52.0	33.4	25.7	30.0	33.3	27.9	30.4
31	53.4	53.6	53.7	53.6	33.6	25.6	30.6	33.3	28.2	30.7
	53.95	53.76	53.74	53.81	32.68	24.50	29.07	32.25	26.95	29.42

Barometer, range for month 756.8 mm. — 750.5 mm.
„ 71-yr. average for month 755.46 mm.
Thermometer, range for month 34.4°C — 22.8°C
„ 71-yr. average for month 28.02°C
Rain total for month 0.00 mm.
„ 71-yrs average for month 0.44 mm.
„ Total, Sept. 1st. to end of month 967.23mm.
„ 71-yrs. average. Sept. 1st. to end of month 891. 85 mm.

JULY 1954

METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	27.5	29.0	27.4	28.0	71	59	79	70	12.6	100.0	
2	29.3	31.0	27.0	29.1	73	66	75	71	12.5	275.0	
3	28.6	30.5	27.7	28.9	73	63	76	71	12.8	274.0	
4	26.4	26.3	24.6	25.8	67	56	71	64	10.5	190.0	
5	22.6	23.2	23.5	23.1	59	52	71	61	12.4	148.0	
6	21.2	23.9	23.0	22.7	54	53	67	58	12.6	187.0	
7	22.6	24.2	25.1	24.0	59	53	74	62	12.0	187.0	
8	26.1	28.2	26.7	27.0	67	59	78	68	12.1	338.0	
9	25.7	26.7	27.4	26.6	65	55	78	66	12.5	235.0	
10	27.3	26.7	27.4	27.1	74	56	79	70	12.8	74.0	
11	27.5	29.6	28.2	28.4	73	58	81	71	12.9	106.0	
12	27.1	27.1	26.5	26.9	68	59	79	69	12.7	113.0	
13	27.1	27.6	28.4	27.7	67	61	79	69	12.5	24.0	
14	27.7	28.6	29.6	28.6	65	62	84	70	11.0	34.0	
15	28.9	29.0	29.2	29.0	70	61	82	71	12.7	296.0	
16	26.4	26.7	25.1	26.1	67	56	75	66	12.4	127.0	
17	23.3	23.4	24.4	23.7	62	51	73	63	12.3	76.0	
18	24.7	25.9	26.9	25.8	64	54	82	67	11.2	27.0	
19	27.8	25.9	28.4	27.4	70	54	78	67	12.3	72.0	
20	26.8	26.7	26.3	26.6	70	55	72	66	9.5	169.0	
21	24.5	25.9	26.0	25.5	59	54	74	62	12.5	423.0	
22	25.7	29.6	28.4	27.9	64	58	79	67	10.3	77.0	
23	29.2	29.7	28.0	29.0	70	61	76	69	12.3	84.0	
24	18.1	26.3	27.7	24.0	42	52	76	57	12.7	34.0	
25	28.1	28.2	29.5	28.6	70	59	79	69	12.7	47.0	
26	28.6	29.9	29.2	29.2	73	65	82	73	12.4	92.0	
27	28.9	29.0	29.9	29.3	70	61	82	71	12.6	352.0	
28	28.9	29.6	29.5	29.3	70	58	80	69	12.4	330.0	
29	28.9	31.2	28.7	29.6	70	61	77	69	11.8	192.0	
30	28.4	31.2	30.2	29.9	67	61	81	70	12.0	103.0	
31	30.3	29.6	26.1	28.7	70	58	68	65	12.4	18.0	
	26.59	27.75	27.29	27.21	66.5	57.8	77.0	67.1	12.14	154.97	

Height of Barometer above sea level : 33.7 meters.
" " Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	5st	0	0	1.7	1sw	1sw	1nw	light	H., a.m.p.m.
2	0	4st	0	1.3	3sw	2sw	1sw	,,	D. a.m. H. a.m. p.m.
3	0	0	0	0.0	3sw	2sw	1sw	,,	H., a.m.p.m.
4	0	1st	10st	3.7	2sw	2sw	1sw	,,	
5	1st	1st	7st	3.0	2sw	2sw	1sw	,,	
6	0	3st	2st	1.7	2sw	2sw	1sw	light	
7	0	1st	0	0.3	2sw	1n w	1nw	,,	H., a.m. p.m.
8	0	5st	0	1.7	3sw	2sw	1sw	,,	H., a.m. p.m.
9	0	0	0	0.0	2sw	2sw	1sw	,,	H., a.m.p.m.
10	5st	0	0	1.7	2sw	1sw	1sw	,,	
11	2st	0	6st	2.7	1sw	1sw	1sw	light	
12	4st	0	7st	3.7	1sw	2sw	1sw	,,	
13	5st	3st	0	2.7	1sw	1nw	1nw	,,	H., a.m.
14	0	0	10st	3.3	1sw	1nw	1nw	,,	H.,a.m.
15	2st	0	1st	1.0	2sw	2sw	1sw	,,	H., a.m.
16	0	7st	2st	3.0	2sw	2sw	1sw	light	
17	4st	0	0	1.3	1sw	2sw	1sw	,,	
18	4st	0	0	1.3	1sw	1sw	1sw	,,	
19	3st	2st	0	1.7	1sw	1sw	1sw	,,	
20	0	3st	0	1.0	1sw	2w	1sw	,,	
21	1cu-st	1cu	1st	1.0	2sw	1sw	2sw	light	
22	10st	6st	0	5.3	2sw	1nw	1sw	,,	H., p.m.
23	6st	0	0	2.0	1sw	1n	1n	,,	H., a.m. p.m.
24	0	0	0	0.0	1w	1w	1nw	,,	
25	1st	0	0	0.3	1sw	1nw	1nw	,,	
26	3cu-st	1st	0	1.3	1sw	1w	1sw	light	
27	0	1st	0	0.3	2sw	1sw	1sw	,,	
28	1st	0	0	0.3	3sw	1w	2w	,,	H. a.m p.m.
29	6st	2st	0	2.7	2sw	1sw	1sw	,,	H. a.m. p.m.
30	0	0	0	0.0	1sw	1sw	1sw	,,	H. a.m.p.m.
31	0	0	0	0.0	1sw	1sw	1sw		H. a.m. p.m.
	mean			1.61					

Abbreviations : G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	0	0	0	0	30	1	0	0	31
14:30	1	0	0	0	0	21	4	5	0	31
20:30	1	0	0	0	0	23	1	6	0	31
Total	2	0	0	0	0	74	6	11	0	93

Number of days with rain 0, fog 0, thunderstorms 0, gale. 0
71 yr. av. number of days with rain during month 0.17